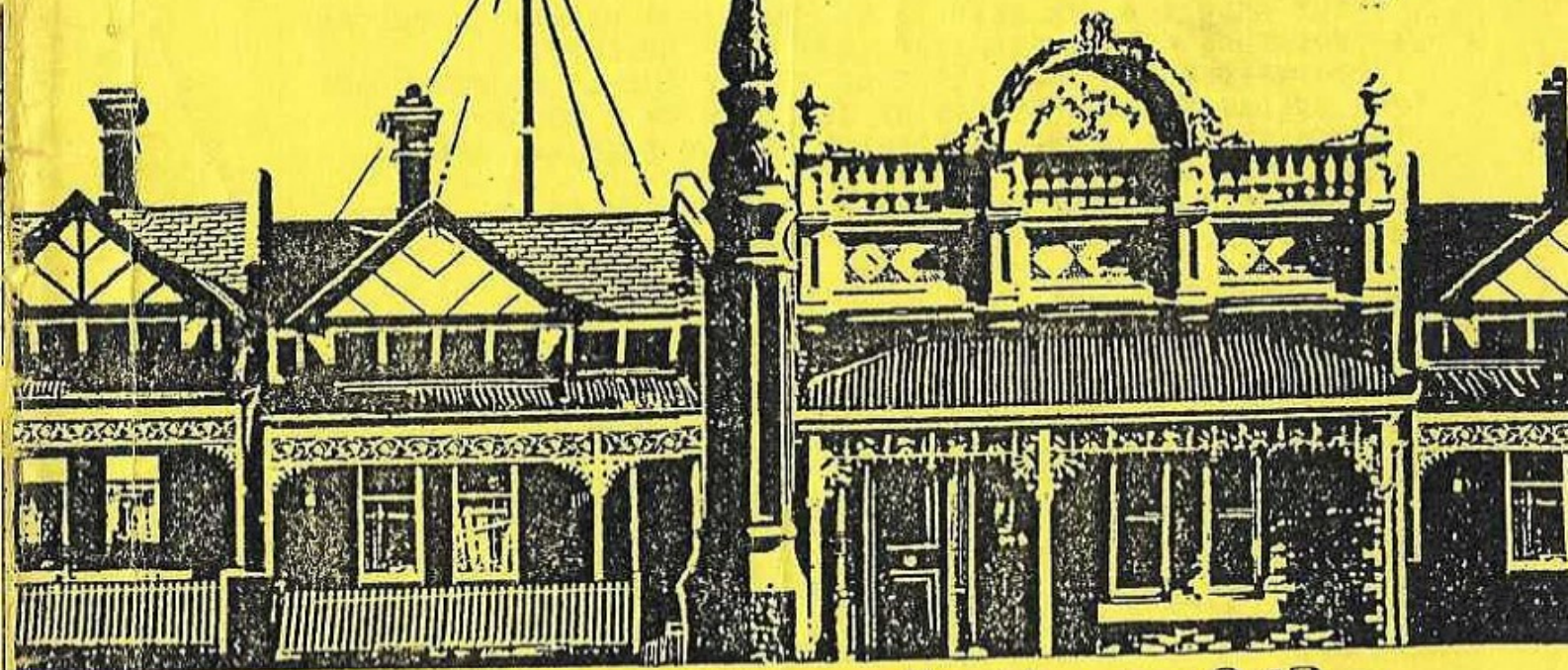


82/09 01
SEPTEMBER 1982

B·A·R·G NEWS

Special '82
W.I.A.
Convention
AUGUST Issue



© Monthly Newsletter of the
Ballarat Amateur Radio Group

REGISTERED BY AUSTRALIA POST, PUBLICATION NO. VBH3397

COMMITTEE 1982/1983.

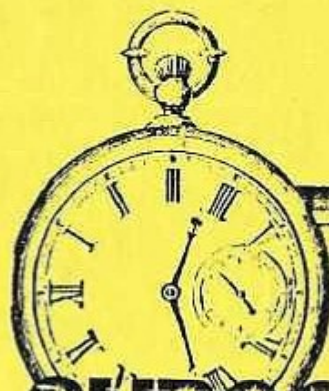
POSITION.	NAME.	CALL SIGN.	PHONE.	
			HOME.	WORK.
PRESIDENT	GEORGE FOWLER	VK3DOK	326863	391954
VICE-PRES.	DICK ANTOSIEWICZ	VK3AEX	323273	321818
SECRETARY	HANK HILVERTS	VK3NIA	393332	
ASS.SEC.	HENRY MORITZ	VK3VMO	327569	301800
TREASURER	KEITH GRADY	VK3NWN	323016	370271
ASS.TREAS.	DICK ANTOSIEWICZ	VK3AEX	323273	321818
TECH.OFFICERS	PHIL SEDDON	VK3AQM	315220	313166
	IAN ROBINSON	VK3BTX	394170	315911
				EXT.86
	MURRAY FELSTEAD	VK3AAI	420447	315000
	DICK ANTOSIEWICZ	VK3AEX	323273	321818
QSL AWARDS&				
MANAGER	MAURIE BATT	VK3JEX	422245	
PUBLICITY	" "	"	"	
EDUCATION	JIM HUMPHRIES	VK3ANH	321613	321719
PROPERTY OFFICER	DICK ANTOSIEWICZ	VK3AEX	323273	321818
NEWS LETTER	MURRAY FELSTEAD	VK3AAI	420447	315000
	BILL GREINER	VK3VVX	314070	
COMMITTEE	CLIFF BILSTON	VK3PAF	347626	
	JIM WRIGHT	VK3VZD	327563.	

THE BALLARAT AMATEUR RADIO GROUP MEETS ON THE LAST FRIDAY OF EACH MONTH AT 7-30p.m.

THE MEETINGS ARE HELD AT THE BALLARAT EDUCATION CENTRE IN HOPETOUN STREET, BALLARAT (OFF EAST STREET).

COMMITTEE MEETINGS ARE HELD ON THE MONDAY NIGHT BEFORE THE FRIDAY NIGHT MEETINGS, AT THE HOME OF G.FOWLER, 17A CANTERBURY STREET, BALLARAT EAST AT 7-30p.m. (NEAR RUSSELL SQUARE).

ARTICLES FOR THE NEWSLETTER CAN BE SENT TO THE EDITOR, M.FELSTEAD, R.S.D. W920, ROSS CREEK, 3351.



IT'S TIME TO
RENEW YOUR
SUBSCRIPTION

THE EDITOR'S INDULGENCE

This is a special issue of the Ballarat Amateur Radio Group's newsletter for the W.I.A. convention (details in this issue). Also, this copy is being distributed to every licenced amateur in the Ballarat area, including those who are not members of B.A.R.G. If you are one of these, please read on - you might be pleasantly surprised at what Ham Radio is now about.

All members please note that this is the last issue you will receive if you have not yet renewed your membership.

SUNDAY 26th SEPTEMBER is the date of our B.A.R.G. family day. Full details will be given at the next meeting (Fri. 24/9/82).

ATTENTION

XYL's AND YL's.

RADIO CONVENTION -

OCTOBER 31st.

URGENTLY NEEDED ITEMS FOR A STALL :-

eg. Plants, books, aprons, cakes, lollies,
coat hangers, etc., etc.....

PHONE 357663 JUNE FORRESTER.

MEMBERSHIP RENEWAL FORM.

NAME.....

ADDRESS.....

.....

CALL SIGN.....

TYPE OF MEMBERSHIP....FAMILY £ 15-00

ADULT £ 10-00

STUDENT OR PENSIONER £ 5-00

(CROSS OUT TYPE NOT WANTED).

B.A.R.G. FAMILY DAY

THE DATE- SUNDAY 26th SEPTEMBER.

THE TIME- 10 A.M.

THE PLACE-START AT CURTIS STREET CAR PARK
(OPPOSITE NORWICH PLAZA).ACTIVITIES-OBSERVATION CAR TRIAL ON THE WAY OUT TO
A ?????MYSTERY????? DESTINATION,CLOSE
TO BALLARAT.MONEY
MONEY
MONEYFIFTY DOLLARS WORTH OF PRIZES TO BE WON
ON THE DAY,AND NO ENTRY FEE.MONEY
MONEY
MONEY

WHAT IS THERE TO LOSE?

-A BBQ AND SNIFFER HUNTS WILL BE HELD ON 2m.
AND FOX HUNTS ON 10m.(CH.40 FM &10m SSB)

-A COUPLE OF SCRAMBLES;TOO.

-BEEPER HUNT FOR THE CHILDREN.

-RIC THROWING CONTEST FOR THE WIVES AND GIRL
FRIENDS (BRING YOUR OWN FT-WHATEVER).

BYO-

MEAT,FOOD,ETC.

PROBLEM DEPT.-IF WET,ANNOUNCEMENTS WILL BE MADE ON CH.3
AS TO WHAT WILL BE DONE.-IF YOU DO NOT HAVE A VEHICLE,CONTACT A
COMMITTEE MEMBER.FOR SALE.IC 502 - 6m.SSB PORTABLE WITH FIVE ELEMENT WIDE SPACED
YAGI.

\$ 170 OR NEAREST OFFER.

CONTACT ERNIE VK3DET, PHONE 317604 A.H. OR
370375 BUS.HRS.SOUTH PACIFIC JOURNEY,BY ERNIE,VK3DET.

12th OCT.1982-LEAVE MELBOURNE FOR FIJI AS 3D2TN.

14th OCT. -LEAVE FIJI.

16th OCT. -ARRIVE TONGA,AS A35TN,FOR APPROX. ONE MONTH.

12th NOV. -LEAVE TONGA FOR WESTERN SAMOA FOR 10 DAYS AS
5W1DW,AND ALSO TO OPERATE AS VK3DET/KH8 (USA
BANDS ONLY).

24th NOV. -LEAVE WESTERN SAMOA FOR FIJI.

26th NOV. -LEAVE FIJI FOR WALLIS ISLAND AS FW0??

4th DEC. -RETURN TO FIJI.

7th DEC. -RETURN TO AUSTRALIA.

I will try to work any novices and particularly Ballarat
stations.QSL INFORMATION- via VK3VU,
P.O.BOX 600,
BALLARAT,3350,

or personally,at the meetings.

ERNIE,VK3DET.

WIRELESS INSTITUTE OF AUSTRALIA - WESTERN ZONE - VICTORIA

The Annual Convention of the Western Zone will be held at Ballarat on Sat. 30th Oct. and Sun. 31st Oct. 1982.

The Annual Dinner will be held at the Sebastopol Football Club, Sebastopol Recreation Reserve on Saturday 30th October, at 7.00 pm. The dinner will be a 4 course meal preceded by free pre-dinner sherries 6 - 7 pm. A full bar service will be available. The cost is \$10.00 per head.

The guest speaker for the evening will be Mr. Lloyd Jenkins the renowned Ballarat historian who will speak on the historical aspects of Ballarat.

The Sunday venue will also be the Sebastopol Football Club. A full range of hunts and scrambles will be conducted on the Sunday beginning at 10.00 am. A large trade display will be held in the convention hall. Excellent prizes are offered to all winners of events. A B-b-Q lunch will be served. The cost of the Sunday activities will be \$7.00/ adult with children free (U 12).

Full talk in facilities will be available on repeater 3, 20.5MHz and 3550kHz. Would all people attending the dinner please complete the form below and return it to the Hon. Secretary no later than October 15th.

Accommodation will not be booked by the zone this year, however we can recommend the following motels/caravan parks.

Eureka Lodge Motel, 119 Stawell St. Sth., Ballarat - Tel. 311900
 Lake View Hotel-Motel, 22 Wendouree Parade, Ballarat - Tel. 053 - 314592
 Motel Ballarat (VK3BWC), Western Highway, Ballarat - Tel. 053 - 347234
 Peppinella Motel, Glenelg Highway, Ballarat - Tel. 053 - 359666
 Red Lion Hotel-Motel, Geelong Rd., Ballarat - Tel. 053 - 313955
 Goldfields Caravan Park, 108 Clayton St., Ballarat - Tel. 053 - 327888
 Shady Acres Caravan Park, Western Highway, Ballarat - Tel. 053 - 347233

NAME _____ CALLSIGN _____
 ADDRESS _____ PHONE _____
 NO. ATTENDING OFFICIAL DINNER ADULTS _____ CHILDREN _____

TICKETS FOR THE DINNER MUST BE WITH THE SECRETARY, MR. JIM WRIGHT VK3VZD P.O. BOX 216E
 ...ARAT EAST. 3350 NO LATER THAN FRIDAY OCTOBER 15, 1982. TEL. 053 - 327563.

82/09:07

1982 WESTERN ZONE CONVENTION PROGRAM

SATURDAY OCTOBER 30th

- 1300 - 1700 Register at convention hall and collect meal tickets. Talk in available on repeater 3 or 3585 KHz. Club call sign is VK3BML.
- 1800 - 2400 Official zone dinner at Sebastopol Football Club rooms.

SUNDAY OCTOBER 31st

- 1000 - 1010 Convention broadcast on 3585 KHz and Repeater 3.
- 1015 - 1030 40 Mx scramble (Marshal frequency is 7070 KHz)
- 1035 - 1050 10 Mx scramble 28.4 - 28.6 MHz only. (Marshal frequency is 28.450 KHz)
- 1100 - 1130 80 Mx fox hunt. (3575 KHz)
- 1145 - 1200 Rig throwing contest (YL's and XYL's only)
- 1200 - 1330 BBQ lunch
- 1330 - 1400 2 Mx fox hunt (Ch 40 FM)
- 1410 - 1420 YL and XYL scramble. (Ch 40,50 and 51 only)
- 1430 - 1445 2 Mx FM scramble (Ch 40,50 and 51 only)
- Lollie scramble (Harmonics only)
- 1450 - 1500 Beeper hunts
- 1510 - 1540 2 Mx hidden transmitter hunt (Ch 40 FM)
- 1550 - 1615 10 Mx fox hunt (28.350 MHz)
- 1625 - 1800 Trophy presentation and afternoon tea

NOTES

- (1) All times are local Victorian time
- (2) All scramble entries must be made on the official log sheets available from the registration desk. Please hand in the completed logs to the registration desk before 1500 hrs.
- (3) No club or group entries will be accepted unless prior approval of the organizing committee is obtained.
- (4) The committee's decision regarding distribution of prizes is final and no discussion will be entered into.
- (5) Further information regarding the days activities will be available from the convention station VK3BML on 3585 KHz or repeater 3.
- (6) Because of the very busy program please ensure you are on time for your event. The organizing committee cannot wait for late starters.
- (7) The organizing committee reserves the right to vary the program as required, should circumstances deem this step necessary.

you for your attendance, good luck and have a safe trip..... Dick Forrester VK3VU

CONVENOR



BALLARAT



BALLARAT

AMATEUR

accommodation and attractions Radio

GROUP

VK3BML

- 1 Regional Tourist Office
- 2 Tourist Shuttlebus Service
- 3 Bakery Hill
- 4 Eureka Flag
- 5 Old Curiosity Shop
- 6 Eureka Stockade & Diorama
- 7 & Begonia Houses
- 8 Golda's World of Dolls
- 9 Montrose Cottage & Eureka
- 10 Military Museum
- 11 Priscilla's Cottage
- 12 Sovereign Hill Gold Mining
- 13 Township
- 14 Gold Museum
- 15 Observatory
- 16 Town Hall
- 17 St. Patrick's Cathedral
- 18 Peter Lalor Statue
- 19 St. Andrew's Kirk
- 20 Blincoe Palace
- 21 Arch of Victory
- 22 Avenue of Honour
- 23 Vintage Trams
- 24 Paddle Cruiser on Lake
- 25 Wendouree
- 26 Botanical Gardens
- 27 Adam Lindsay Gordon's
- 28 Cottage
- 29 Avenue of Past Prime
- 30 Ministers
- 31 Statue House
- 32 Begonia Hot Houses
- 33 Fernery
- 34 Floral Clock
- 35 Black Swans & Fairyland walk
- 36 Shell House
- 37 Wendouree Shopping Village
- 38 Old Cemetery
- 39 Antique Locomotive
- 40 Black Hill scenic view
- 41 Railway Station
- 42 Fine Art Gallery
- 43 Post Office
- 44 Antique Toy Museum

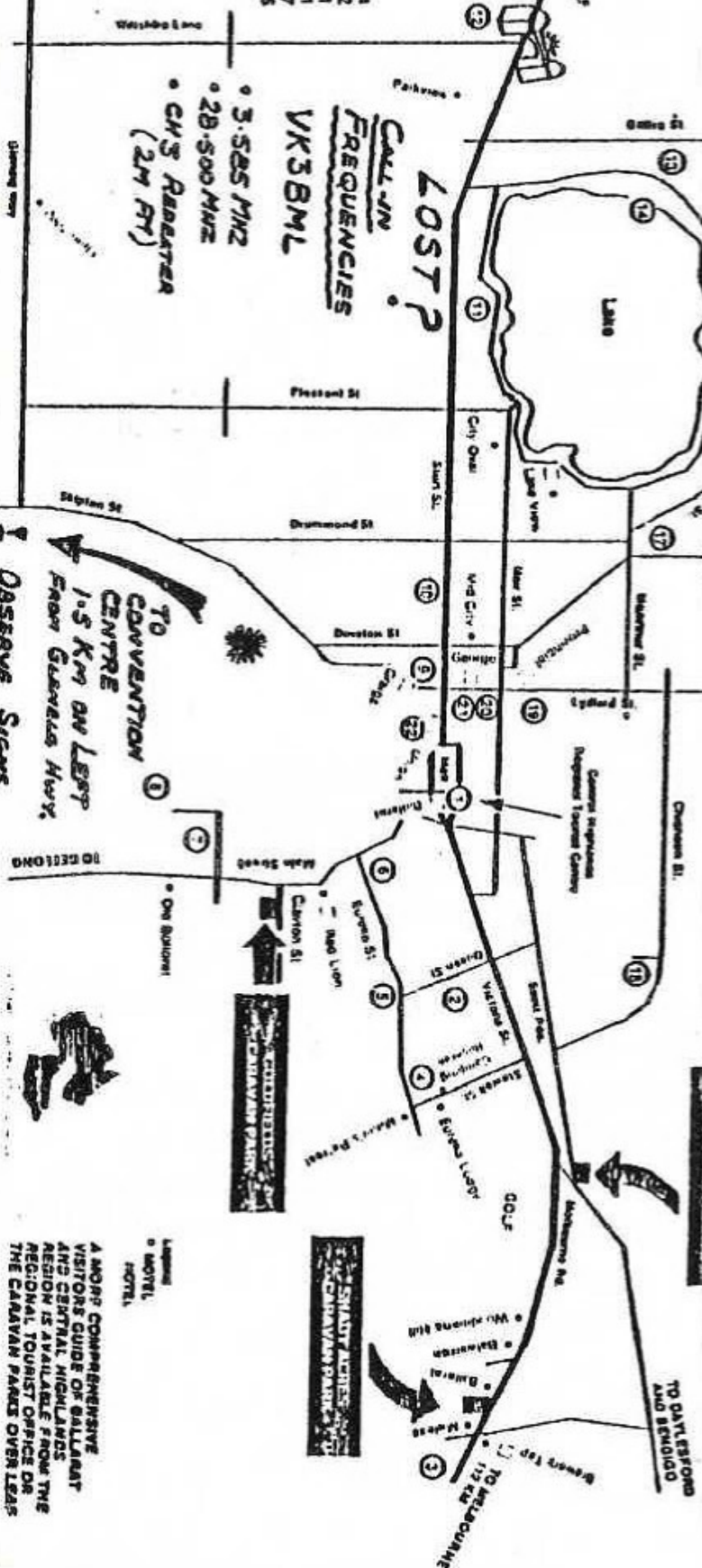
WELCOME STRANGER
CANAVAN PARK

WELCOME STRANGER
CANAVAN PARK

EMERGENCY NUMBERS
Fire 32 1444
Police 37 7722
Ambulance 32 1631
Hospital - Ballarat Base 32 1771
Hospital - St. John of God 31 6677
Life Line 31 2255

PRODUCED BY
GOLDIEBROS CANAVAN PARK
WELCOME STRANGER CANAVAN PARK
BALLARAT VINDICATOR CANAVAN PARK
SHADY ACRES CANAVAN PARK

DOCS OF 1960
APRIL 1982



TO CONVENTION
CENTRE
1.5 KM ON LEPP
FROM GEORGE'S HWY.
OBSERVE SIGNS

A MORE COMPREHENSIVE
VISITOR GUIDE OF BALLARAT
AND CENTRAL HIGHLANDS
REGION IS AVAILABLE FROM THE
REGIONAL TOURIST OFFICE OR
THE CANAVAN PARKS OVER LEAS

GENERAL MEETING AUGUST 1982,

MEETING OPENED AT 7.47 appr.

APOLOGIES. BRIAN, STAN, BOB.

VISITORS & NEW MEMBERS. MAX WROE, JOHN WESTWOOD, RAY WALTHAM, were welcomed to the meeting.

MINUTES of the previous meeting were accepted as per newsletter (JIM ANH, HARRY KLG)

BUS. ARISING FROM MINUTES: T-shirts still no progress, N.T. School, gift for use of classroom still under consideration.

CORRESPONDENCE: IN: USUAL Newsletters, Heard Island letter regarding D.X. ped. and a letter of thanks from the BALL HARREERS.

OUT: Letter to the principal North Tech.

TREASURERS REPORT: read out and accepted (NIQ, ANI)

QSL AWARDS: 400 cards out, 60 cards in the first for 2 months terrible.

\$10, send to inwards bureau for postage. DX Widows 4, Begonias 10 send out.

CLUBNET. Still going strong, please keep giving CLIFF your support.

PUBLICITY: Still working on the New Begonia Award, but things going real slow

MAURIE XEX, hopes that all will work out fine and he can show us the new one soon.

TECH. REPORT: NIL, Phill not present this meeting, but REBEATER going strong.

PROPERTY: DICK AEX, reports 20 mtr. Beam has arrived, vertical had some more work done to it and going well now. also our mast had some mods done to them to be able to hold all the different club beams.

NEWSLETTER: MURRAY AAI still looking for more news items, next letter to go out to ALL Amateurs in the district, to see if we can attract more members,

also, NO MORE newsletter will be sent out, after the SEPT. one. IF YOU HAVE NOT PAID YOUR SUBS: The SEP. issue is the Convention issue, please Read it.

CONVENTION PROGRESS REPORT.

DICK VU. Told us that the Programme has been drafted, letters have gone to advertisers and the insert sent to AR. HE then voiced his DISSAPOINTMENT with the lack of support from the WIA WESTERN ZONE, They lost the info. we sent them, the \$100.

advance has still not arrived, still no official letter has arrived telling us that we are indeed this years Host. Also He asked last meeting for support for the ladies stall, not ONE call was received by him or JUNE.

IF YOU GUYS WANT THIS CONVENTION, I SUGGEST, PULL YOUR FINGERS OUT GUYS, OTHERWISE IT WILL FAIL.

It was then decided, for the club, to advance the convention committee the much needed \$100, till the money from the zone arrived (XEX, VNO) Carried.

EDUCATION: JIM ANH, reports he now has 9 students although 12 are on the books and all is running fine.

GENERAL BUSINESS: Our PRES, DOK, reminded us about our annual get together with the Geelong Club, later in the year. So we are to have a fun day on the 26.8.82.

with foxhunts, hidden trx hunts etc, as a forerunner to the Geelong event also the convention. more info per newsletter. please turn up for this great day.

The 6 of us, know one and another quite well, we would like to get to know YOU too.

also a new adjustment was made to the fees, a family group wishing to be members now pay \$ 15.00 and a student or pensioner now payes \$ 5.00.

MURRAY AAI reported that the chap he had in mind for our t/shirts, was not able to do the job, but we still will be able to come up with a shirt before the convention.

You can even pick Your own colour. Hi, Hi.

Also the South West A.R. Society is holding a convention. so please support.

BILL DUJ, brought in a photo display about Camble Island, very good Bill.

Allen our SVL showed us what to do with a tower bearing. good work Allen.

Also BILL VVX, is having a OE visitor at his QTH soon, hope we meet him Bill.

Dick AEX showed us some Antenna's to use on foxhunts etc, hope every body took note. Heavens, my ribbon is running out, hope You can still read this.

If You can, Your English is better than mine HI, HI.

A very old newspaper clipping was also shown from 1927, very good, keep it up.

Dick VU, also told us that the building committee is still active, and telling of their plans and still going on. Here I've put a new ribbon in this machine,

and I hope things are readable again. Henry, the hardest worker in the club, showed some stickers, to be sold next convention. great stuff mate!!!

The meeting then closed at about 8.32 To be followed by some films and Dick VU, showed good work. Dick, should be more of that!!!

All and all a good meeting, hope to see Your smiling faces, again next time around. cheers 73' sec. HANK VK3NIA.

A few final wisecracks, to hide the nasty feeling in your gut and then you pick up the paper. Suddenly you KNOW. -THOSE D..... HAVE DONE IT AGAIN! A deep groan rises from the assembly. Guy on the next desk has a stunned look on his mug and just mumbles continuously: Oh my gawd, oh my gawd.... "faces drop, chins sag, tears well up in the eyes of the faint-hearted. There you are, primed to the gills, ready for anything, finely tuned like a racing car for the big race.... and the buggers don't ask one single question you've ever come across before!!! You went through every book, every set of exam questions ever asked, the 500-question-book, the cram-book, and what-have-you, - and then some swine, some fiend, some perverted sadist went and HUCKED IT ALL UP by inventing a whole new set of gimmicks. It just isn't fair, it's not even cricket, -no sir! Somebody in the back row sobs quietly, only the "regulars" sit there with dignified-stoic expressions. They've seen it all before. You start the tattalotto game and fill in the squares with wild hopes that Murphy's law, for once, is on YOUR side. Some even went so far as to ask for candles and prayers during the exam, - you never can tell, every bit helps, you know. Lucky charms, -crossed fingers or a clove of garlic. -Whatever turns you on.

Then its all over, -PENS DOWN. The ranks have thinned out by then. The smart fellers saw that the odds were stacked against them and have called their bluff and marched out long ago. Good on yer!

INTERMISSION! -the post-mortems in the foyer (boy, what an apt description) and you compare notes you didn't have a clue on and discover that nobody else did, either. Whew, -what a relief! R.I. has the gall to show his face, in spite of open hostility from all sides, -"I didn't set the paper, honest I didn't"....mumblings about lynching in the back-row sets his face twitching a bit, -but everybody is too numb to really go and get that rope, anyway. So he feels safe. One sucker pipes up: Well, chaps, I thort it was really not so bad at all..." and then smartly withdraws when threatening mob surrounds him and tries to ram a handy piece of gaspipe up a sensitive part of his anatomy, -THIS IS NO TIME FOR JOKES, I notice. There is still the C.W. to go and some old feller suddenly is told that he actually went through the exam for nothing, -had his commercial licence for years and didn't know he was exempt. Just stands there and mumbles: "six months of study, nights without sleep, a nervous breakdown, rows with the XYL, - and now they tell me...." -The ghoul-on-duty just grins and withdraws. He's done his duty and got his victim. He knows...they'll be back next time round. M3CH1T3.....as I said. It's man's nature.

82/09 12

WESTERN ZONE NEWS

'THE CHOOKS COME HOME TO ROOST'
The Western Zone repeater committee have some urgent works to be done on the Ch. 7 repeater, namely provision of new feed-line so that better coverage from a relocated antenna will result.
If you enjoy the service provided by the repeater, your donation now will make the device even better.

Your donation of 2 Dollars (min) plus Callsign can be given to....
Western Zone Committee-men.... Jim VK3ANH
Maurie VK3XEI

or can be sent direct to
Western Zone President via...

P.O. Box
ARARAT
3377

MORE WESTERN ZONE NEWS

The next Lake Goldsmith steam rally shall be held late 82 or early 83 (not to sure about the date).....
However, a special feature will be.....

Display of vintage steam powered wireless, some of it in working condition.

The working display shall be handled by ever reliable Woody VK3AGD and the Western Zone boys, who by the way, shall also be steam powered!

An award shall also be issued (any band, any mode) to celebrate this great event.

SSSSSSSS0000000000 WATCH THIS SPACE FOR FURTHER NEWS !!!!!!!!!!!!!



HEARD ANY NEWS?
DID THAT LAST PROJECT
WORK...?
LET THE EDITOR
KNOW...**NOW!**

STEAM RADIO.

ERNIE, VK3DET, kindly donated to the club a copy of an article of interest to us from The Herald, dated Thursday, May 12th, 1927 :-

THE HERALD, THURSDAY EVENING, MAY 12, 1927

WIRELESS NOTES FOR AMATEURS

Without doubt the finest example of broadcasting to date was provided in the transmission of the ceremonies attendant on the opening of Parliament at Canberra, on Monday last.

So perfect was the reproduction of the voice of the official raconteur that it was difficult to believe the transmission was from a point some hundreds of miles away. A remarkable feature was the entire absence of "line noise," with which we are accustomed to associate long-distance broadcasts. Save for a very slight hum towards the end of the ceremony in the Senate, the transmission might well have been from the studio of S.O.

A noticeable feature of the broadcast was the great clarity of the speeches. Only towards the end of the ceremony, which was carried out obviously by several speakers some distance apart, was there any degree of indistinctness. The control was very fine indeed, and listeners scarcely needed to adjust their instruments during the transmission as even was the volume level.

TRIUMPH FOR RADIO

Undoubtedly the whole affair was a triumph for radio, but an equal measure of praise is due to the telephone engineers, who secured and maintained such ideal conditions in the telephone lines and other apparatus. The amazing purity and freedom from extraneous noise achieved ranks as the finest demonstration of the perfection of modern telephone technique.

Not a single untoward incident occurred. This was a real triumph of organisation, when we contemplate the vast network of telephone lines into which the sounds of the ceremony were poured.

From the opening of Canberra broadcasting takes on a new dignity. The fact that 2,000,000 people were able to take part in a ceremony of world-wide importance, on a scale hitherto unknown, shows the new science with a value greater than that of mere entertainment. Radio has played its part wonderfully well in bringing our scattered population to a ceremony which will stand out in our history.

BATTERY ELIMINATORS

During the last few months the battery eliminator has become firmly established on our markets, and an ever-increasing number of listeners is realising the advantages of obtaining their current from that never-failing, ever-falling source, the electric mains.

The necessity for a battery eliminator comes from the fact that commercial electric current is provided by machines, and is always of an irregular character, that is, of course, from a radio point of view. These irregularities prevent the use of the current direct from the mains, as they would cause a tremendous noise in a receiver. So the eliminator was created, and bids fair to rival seriously the B battery.

PERMANENT CURRENT

The current in the average suburban household is of the alternating variety, that is, it changes its direction a certain number of times per second. In most cases the change takes place at the rate of 50 complete cycles per second, and as alternating current is in itself quite useless for receiving purposes. The eliminator first alters the pressure or voltage of the current to a suitable value for a wireless receiver. It then rectifies it by means of two valves, which allow current to pass in one direction only. By using two valves "full wave" rectification is secured, and a pulsating current of unchanging direction results. However, this current would be as noisy as the original alternating current, and a system of chokes and condensers is necessary to "smooth" it out. The chokes coils and condensers act somewhat in the manner of tanks, which take up the impulses and deliver a steady flow of current. Thus an eliminator somewhat resembles a battery which is constantly being charged.

VALVE DEVELOPMENT

One of the chief advantages of a battery eliminator is the permanent nature of the current supply. Another point is the fine quality of reproduction

secured from such an unfailing source of energy which is equal to all demands.

Considerable current can be secured from a modern eliminator, sufficient in fact, to work the most powerful receiver. As these instruments have developed to the special values associated with them have improved. Most eliminators use a special filamentless valve, which is really two valves in one.

Greater progress has been made in eliminators for the supply of B current, but devices are gradually appearing from which it is possible to draw every kind of current necessary for the operation of a modern receiver.

CURRENT FROM MAINS

When asked for an opinion of battery eliminators in England not so long ago, a visiting American radio engineer of some experience replied that he used batteries. In view of the great popularity of this new component, this seemed a little harsh, but perhaps the engineer had his reasons. Perhaps he lived in a district as subject to current stoppage as our own metropolitan area.

There is absolutely no doubt that the receiver of the future will derive all its current from the electric mains — we had an example of this at the recent Wireless Exhibition — and there is also no doubt that the battery eliminator will find a wide application in fields other than radio.

WIRELESS SETS AS ORNAMENTS

The improvement in the total quality of the latest receiving sets, and the simplicity of design in the subject of an article in the "Wireless in the Home" section of the May issue of the Australian Home Beautiful. Photographs show the beauty of the cabinets in which the latest sets are to be had.

Beautiful specimens of cabinet work and period furniture contribute to the adornment of the stateliest and most dignified rooms. There is no display of wires, valves and tuning-in coils. All are hidden. The section includes useful hints and notions for the radio amateur.



Britain's Best Crystal
MIGHTY ATOM
Obtainable Everywhere
Now Selling at 1/3

82/09 14

WECAM

COMMUNICATIONS SALES AND SERVICE

AGENTS FOR:-



YAESU



AND OTHERS

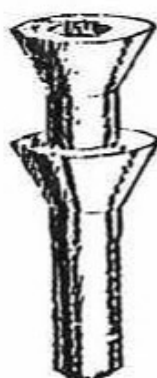
11 MALMESBURY STREET,
WENDOUREE 3355
Phone (0531) 39 2808

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For
— PRICES AND INFORMATION
SEE BRIAN STARES VK3ZBS/3NVS

Ocker Bolts (Set 3)



FOR DOUBLE COUNTER-
SUNK HOLES



SERRATED HEAD
FOR ALL VISE-
GRIP TIGHTENING



TELESCOPIC BOLT WHERE
LENGTH IS NOT KNOWN



FOR HOLES NOT
YET DRILLED

Henry's Comment

WHEN I'M ON TH' GROG...



Abbreviation

Question

Answer or Advice

QOA	Can you communicate by radio telegraphy (500 kHz)	I can communicate by radio telegraphy (500 kHz)
QOB	Can you communicate by radio telephony (2182 kHz)	I can communicate by radio telephony (2182 kHz)
QOC	Can you communicate by radio telephony (channel 16 frequency 156.80 MHz)	I can communicate by radio telephony (channel 16 frequency 156.80 MHz)
QOD	Can you communicate with me in 0 Dutch 5 Italian 1 English 6 Japanese 2 French 7 Norwegian 3 German 8 Russian 4 Greek 9 Spanish	I can communicate with you in 0 Dutch 5 Italian 1 English 6 Japanese 2 French 7 Norwegian 3 German 8 Russian 4 Greek 9 Spanish
QOE	Have you received the safety signal sent by (name and/or call sign) ?	I have received the safety signal sent by (name and/or call sign)
QOF	What is the commercial quality of my signals?	The quality of your signals is 1. not commercial 2. marginally commercial 3. commercial
QOG	How many tapes have you to send?	I have tapes to send
QOH	Shall I send a phasing signal for seconds?	Send a phasing signal for seconds
QOI	Shall I send my tape?	Send your tape
QOJ	Will you listen onkHz (or MHz) for signals of emergency position indicating radio beacons?	I am listening on KHz (or MHz) for signals of emergency position indicating radio beacons
QOK	Have you received the signals of an emergency positions indicating radio beacon on kHz or MHz	I have received the signals of an emergency position indicating radio beacon on kHz or MHz
QOL	Is your vessel fitted for reception of selective calls? If so, what is your selective call number or signal?	My vessel is fitted for the reception of selective calls. My selective call is number or signal
QOM	On what frequencies can your vessel be reached by a selective call?	My vessel can be reached by a selective call on the following frequency/ies (periods of time to be added if necessary)
QOT	Do you hear my call; what is the approximate delay in minutes before we may exchange traffic?	I hear your call; the approximate delay is minutes
QRA	What is the name of your vessel (or station)?	The name of my vessel (or station) is
QRB	How far approximately are you from my station?	The approximate distance between our stations is nautical miles (or kilometers)
QRC	By what private enterprise (or state administration) are the accounts for charges for your station settled	The accounts for charges of my station are settled by the private enterprise (or state administration)
QRD	Where are you bound for and where are you from?	I am bound for.... from
QRE	What is the estimated time of arrival....or over... place?	My estimated time of arrival at.... or over....place ishours

Abbreviation

Question

Answer or Advice

QOA	Can you communicate by radio telegraphy (500 kHz)	I can communicate by radio telegraphy (500 kHz)
QOB	Can you communicate by radio telephony (2182 kHz)	I can communicate by radio telephony (2182 kHz)
QOC	Can you communicate by radio telephony (channel 16 frequency 156.80 MHz)	I can communicate by radio telephony (channel 16 frequency 156.80 MHz)
QOD	Can you communicate with me in 0 Dutch 5 Italian 1 English 6 Japanese 2 French 7 Norwegian 3 German 8 Russian 4 Greek 9 Spanish	I can communicate with you in 0 Dutch 0 Italian 1 English 6 Japanese 2 French 7 Norwegian 3 German 8 Russian 4 Greek 9 Spanish
QOE	Have you received the safety signal sent by (name and/or call sign) ?	I have received the safety signal sent by (name and/or call sign)
QOF	What is the commercial quality of my signals?	The quality of your signals is 1. not commercial 2. marginally commercial 3. commercial
QOG	How many tapes have you to send?	I have tapes to send
QOH	Shall I send a phasing signal for seconds?	Send a phasing signal for seconds
QOI	Shall I send my tape?	Send your tape
QOJ	Will you listen onkHz (or MHz) for signals of emergency position indicating radiobeacons?	I am listening on kHz (or MHz) for signals of emergency position indicating radiobeacons
QOK	Have you received the signals of an emergency positions indicating radio beacon on kHz or MHz	I have received the signals of an emergency position indicating radio beacon on kHz or MHz
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QRC	By what private enterprise (or state administration) are the accounts for charges for your station settled	The accounts for charges of my station are settled by the private enterprise (or state administration)
QRD	Where are you bound for and where are you from?	I am bound for from
QRE	What is the estimated time of arrival or over ... place?	My estimated time of arrival at ... or over place is hours

QRF	Are you returning to Place?	I am returning to place or return to (place)
QRG	Will you tell me my exact frequency (or that of...)?	Your exact frequency (or that of...) is kHz (or MHz)
QRH	Does my frequency vary?	Your frequency varies.
QRI	How is the tone of my transmission?	The tone of your transmission is.... 1. good 2. variable 3. bad
QRJ	How many radiotelephone calls have you to book?	I have radiotelephone calls to book
QRK	What is the intelligibility of my signals (or those of... name and or call sign)?	The intelligibility of your signals (or those of... name and/or call sign) is.... 1. bad 2. poor 3. fair 4. good 5. excellent
QRL	Are you busy?	I am busy (or I am busy with.... (name and call sign) Please do not interfere
QRM	Is my transmission being interfered with?	Your transmission is being interfered with 1. nil 2. slightly 3. moderately 4. severely 5. extremely
QRN	Are you troubled by static?	I am troubled by static 1. nil 2. slightly 3. moderately 4. severely 5. extremely
QRO	Shall I increase transmitter power?	Increase transmitter power
QRP	Shall I decrease transmitter power?	Decrease transmitter power
QRQ	Shall I send faster?	Send faster (.... words per minute)
QRR	Are you ready for automatic operation?	I am ready for automatic operation send at ... words per minute
QRS	Shall I send more slowly?	Send more slowly (.... words per min)
QRT	Shall I stop sending?	Stop sending
QRU	Have you anything for me?	I have nothing for you
QRV	Are you ready?	I am ready
QRW	Shall I inform that you are calling him on ... kHz or MHz?	Please inform that I am calling him on ... kHz or MHz
QRX	When will you call me again?	I will call you again at ... hours on kHz or MHz
QRY	What is my turn? (Relates to communication)	Your turn is Number.... (or according to any other indication relating to communication)
QRZ	Who is calling me?	You being called by ... on kHz/MHz
QSA	What is the strength of my signals (or those of.... name and /or call sign)?	The strength of your signals (or those of name and/or call sign) is 1. scarcely perceptible 2. weak 3. fairly good 4. good 5. very good
QSB	Are my signals fading?	Your signals are fading
QSC	Are you a low traffic ship station?	I am a low traffic ship station
QSD	Are my signals mutilated?	Your signals are mutilated
QSE	What is the estimated drift of the survival craft?	The estimated drift of the survival craft is (figures and units)
QSF	Have you effected rescue?	I have effected rescue and am proceeding to ... base (with Persons injured requiring ambulance)
QSG	Shall I send ... telegrams at a time?	Send.... telegrams at a time
QSH	Are you able to home with your direction finding equipment?	I am able to home with my direction finding equipment (on ... name and or call sign)

QSI

I have been unable to break in on your transmission, or will you inform (name and or call sign) that I have been unable to break in on his transmission (on kHz or MHz)

QSI What is the charge to be collected to ... including your internal charge?

The charge to be collected to including my internal charge is..... franks

QSK Can you hear me between your signals and if so may I break in on your transmission?

I can hear you between my transmission, break in on my transmission

QSL Can you acknowledge receipt?

I am acknowledging receipt

QSM Shall I repeat the last telegram with I send you (or some previous telegram)?

Repeat the last telegram with you send me (or telegram number)

QSN Did you hear me (or name or call sign) on kHz or MHz

I did hear you on (name or call sign) kHz or MHz

QSO Can you communicate with (name or call sign) direct? (or by relay)

I can communicate with (name or call sign) direct (or by relay through

QSP Will you relay to (name or call sign) free of charge?

I will relay to ... (name or call sign) free of charge

QSQ Have you a doctor on board? (or is name of person on board?)

I have a doctor on board (or name of person is on board)

QSR Shall I repeat the call on the calling frequency?

Repeat your call on the calling frequency; did not hear or have interference

QSS What working frequency will you use?

I will use the working frequency..... kHz or MHz (in the high frequency bands normally only the last three figures of the frequency need to be given)

QSU Shall I send or reply on this frequency (or on kHz or MHz with emission of class?)

Send or reply on this frequency (or on kHz or MHz with emission of class)

QSV Shall I send a series of V's (or signs for adjustment on this frequency or on kHz or MHz)

Send a series of V's (or signs on this frequency or on kHz or MHz)

QSW Will you send on this frequency (or on ... kHz or MHz with emission of class.....?)

I am going to send on this frequency (or on kHz or MHz with emission of class

QSX Will you listen to... (name or call sign on kHz or MHz or on the bands .. channels)

I am listening to (name or call sign) on kHz or MHz or in the bands.... or channels

QSY Shall I change frequency?

Change transmission to an other frequency (or on kHz .. or MHz)

QSZ Shall I send each word or group more than once?

Send each word or group twice or number of times

QTA Shall I cancel telegram (or messages) number?

Cancel telegram (or message) number

QTB Do you agree with my counting of words

I do not agree with your counting of words; I will repeat the first letter or digit of each word or group

QTC How many telegrams have you to send?

I have ... telegrams for you (or for name and call sign)

QTD What has the rescue vessel or rescue air craft recovered?

... identification has recovered
1. number of survivors
2. wreckage
3. number of bodies

THE ADVENTURES OF NORMAN B. GOODHAM.

Continuing our story from last month of our beloved friend and fellow Ham, Norm, VK1ØGBN, we find that he has just obtained his call-sign and is very eager to get on the air.

Norm went along to his local radio club meeting to ask the members their opinions of what sort of rig he should build and how to go about it. "Build", they said, "Who builds anything nowadays", they said to him. Poor Norm. He was shocked by this. Norm thought that building was the best part of Amateur Radio. Not to use one of those ugly black boxes, which are so complex that you need a pilots licence to operate them. Norm wanted a rig to build that was simple to use, needed few parts and above all, was cheap. Undaunted, Norm decided that the ideal situation would be to build an 80metre rig from the old black and white television that had been sitting in the attic ever since that day when colour first started and the Goodham's had their brand new one thousand dollar colour TV. But Norm knew he had a problem. What if the XYL found out about his plan. After all, the old B&W TV was his XYL's. Anyway, Norm managed to get the chassis of the TV into his shack one night when the wife was out at her Bridge night. Clever Norm, he knew that if he left the outer case of the TV untouched, that he could get away with it. So that night, Norm stripped down the old TV and collected all the parts he needed.

The next night he had to work back late, but by the time he got home, he wished he stayed at work. What happened was that their beaut colour TV had broken down, so the dear wife had got the old B&W TV down from the attic, to use until Norm came home to fix the colour TV. The wife tried to find the power plug to plug in to the point. The problem was that Norm had used that for his rig. Then, the wife noticed that all the insides of the set were missing. Well, by the time Norm had got home, the wife had built up such a large list of things to say to him that he started to regret ever getting interested in Amateur Radio.

However, by the next day, the wife had decided that she should forgive him, just this once, as the set was old, and they got their money's worth out of it anyway. So lucky Norm got off the hook on that one. Then came the problem of repairing the new colour TV. Norm took one look at the circuit diagram and was horrified to see that it had no valves. Instead, it had those new fangled transistors and IC's. "Oh, well", said Norm, "I might as well try to repair it. After all, I am a Ham". So, with that, Norm decided to tackle the job. Much to his dismay, the job proved to be bigger than he thought, and eventually, he had to admit he had lost the battle, and took it to the local TV repair experts.

However, this did not dismay his enthusiasm to build his Ham transmitter. On the contrary. He now had more time to devote to it.

How he went about building and testing the rig, we will find out next month.

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